



# The Industry's Most Intelligent Oxygen (O<sub>2</sub>) Sensor Program

## ***Did You Know?***

***Oxygen Sensors are the 2nd most common automotive repair for CELs\****

## **Technology**

- Dual lower shield design
- Ceramic element
- Laser welded body & shield
- Plasma sprayed protective coating
- High temperature sleeving

## **Marketing**

- Intelligent consolidation opportunities
- Industry exclusive product to serve all makes, all models, and all customers
- Custom sensor manufacturing capabilities for Othermotive® and off-road applications
- O<sub>2</sub> Bungs and kits available when repairing damaged or seized threads
- Industry proven performance - approved by professional technicians nationwide

## **Coverage**

- 98% coverage of all North American vehicle applications
- Over 1,100 SKUs
- Coverage spanning from 1976 to 2021
- Wideband and air fuel ratio applications included
- O<sub>2</sub> Bung & Bung Kits available in stainless and mild steel



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## QUALITY • COVERAGE • SUPPORT

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\*CarMD 2021 Vehicle Health Index

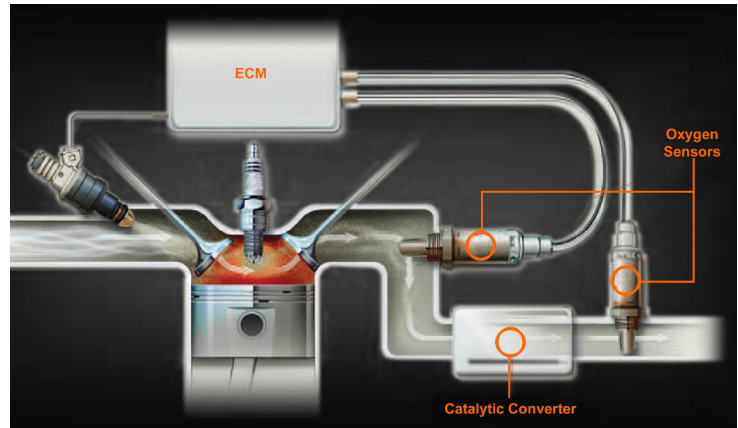


## WHAT DOES YOUR OXYGEN SENSOR DO?

*The oxygen sensor is a device which determines the oxygen content of the exhaust gas. Since the amount of oxygen in the exhaust gas is a very good indicator of combustion efficiency, it is also the best place to monitor the air fuel ratio.*

## WHERE IS YOUR OXYGEN SENSOR LOCATED?

*Oxygen sensors are located on the exhaust pipe(s). They are screwed into the exhaust pipe via a bung. Each car generally has 1 oxygen sensor located before and after the catalytic converter. For engines with multiple banks, there will be an oxygen sensor before and after the catalytic converter in each bank.*



## WHY DO OXYGEN SENSORS FAIL?

*Oxygen sensors can fail when the sensor's ceramic element is exposed to certain types of silicone compounds or when an oil-burning engine leads to the sensor becoming oil-fouled. Also, a small amount of tetra-ethyl lead in the gasoline can kill an oxygen sensor. Over-the-counter fuel additives, which are not "oxygen sensor safe" can also kill an oxygen sensor.*

## HOW DO YOU KNOW YOUR OXYGEN SENSOR IS FAULTY OR FAILING?

*Symptoms of a failing oxygen sensor are surging, hesitation, poor overall performance, falling fuel mileage, rough idling, a failed emissions test, and an inefficient or clogged catalytic converter.*

## HOW TO DIAGNOSE A FAULTY OR FAILING OXYGEN SENSOR?

*Oxygen sensors can be difficult to diagnose quickly. Please refer to our Oxygen Sensors 101 information booklet for detailed information on how to properly test and diagnose an oxygen sensor. Ask our Customer Service Team or visit our website for more details.*

## WHY CHOOSE WALKER PRODUCTS OXYGEN SENSORS?

*Walker Products offers the most intelligent O2 program in the industry. Now, you can rely on Walker O2s for guaranteed performance, inventory solutions, and increased category performance.*